

20021020.qrp v02_n715.qrl.20021020

Date: Sun, 20 Oct 2002 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2715

QRP-L Digest 2715

Topics covered in this issue include:

- 1) [138341] What have Amateurs Done - some interesting reading !
by Rick McKee <kc8aon@juno.com>
- 2) [138342] Re: Best headphones for CW?
by "Karl F. Larsen" <k5di@zianet.com>
- 3) [138343] RE: Noise
by Nick Kennedy <nkennedy@tcainternet.com>
- 4) [138344] Re: PADDLE QUESTION -- and another answer
by Bob Nielsen <nielsen@oz.net>
- 5) [138345] Jamboree on the Air -- Snipe Hunt on the Air
by n5ib@juno.com
- 6) [138346] Re: SWR meters for VHF queskin
by "George, W5YR" <w5yr@att.net>
- 7) [138347] RE: Best headphones for CW?
by "AI2Q Alex" <ai2q@adelphia.net>
- 8) [138348] Re: Best headphones for CW?
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 9) [138349] RTTY on 40
by W2AGN <w2agn@w2agn.net>
- 10) [138350] QRP/ARCI QSO Party
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 11) [138351] Re: RTTY on 40
by Fred Lesnick <flesnick@tbaytel.net>
- 12) [138352] RE: Best headphones for CW?
by Dave Fouchey <dafouchey@comcast.net>
- 13) [138353] Re: Best headphones for CW?
by Dave Fouchey <dafouchey@comcast.net>
- 14) [138354] Re: RTTY on 40
by Dave Fouchey <dafouchey@comcast.net>
- 15) [138355] Re: Best headphones for CW?
by Lew Paceley <lew@paceley.com>
- 16) [138356] Re: What have hams done lately?
by Robert Honan <robertus@harbornet.com>
- 17) [138357] The Lonely Life of an 80m QRP Contester... :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 18) [138358] R-M/80 OTA Sorta 3.578.9 MHz
by Chuck Carpenter <w5usj@9plus.net>
- 19) [138359] Re: Noise

- by "Karl F. Larsen" <k5di@zianet.com>
- 20) [138360] Re: RTTY on 40
by W2AGN <w2agn@w2agn.net>
- 21) [138361] Re: RTTY on 40
by Fred Lesnick <flesnick@tbaytel.net>
- 22) [138362] RE: Noise
by Gottfried Ira <ira@atnet.at>
- 23) [138363] Argonaut V/516 Initial Impressions?
by "Steve Lawrence" <Steve.Lawrence@itwfeg.com>
- 24) [138364] Re: PADDLE QUESTION PLEASE
by "E. Roswell" <eroswell@monmouth.com>
- 25) [138365] Re: RTTY on 40
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 26) [138366] RE: Best headphones for CW?
by "AI2Q Alex" <ai2q@adelphia.net>
- 27) [138367] C02KK and key knob
by Goemans <jgoemans@facstaff.wisc.edu>
- 28) [138368] FOR SALE: ELECRAFT 4 BAND K1 (S/N 1,329)
by joneskatv@juno.com
- 29) [138369] Re:RTTY on 40
by Fred Lesnick <flesnick@tbaytel.net>
- 30) [138370] Regulated Voltage
by "Karl F. Larsen" <k5di@zianet.com>
- 31) [138371] FS: LDG AT-11MP Autotuner
by John Zaruba Jr <jzaruba@mac.com>
- 32) [138372] Re: PADDLE QUESTION PLEASE
by Steven Weber <kd1jv@moose.ncia.net>
- 33) [138373] Re: Noise
by Chris Trask <ctrask@primenet.com>
- 34) [138374] Argonaut V
by "Mark Paley" <mpaley@wcnet.org>
- 35) [138375] ZL7C 28024 GOT EM !!!
by "George Osier" <gosier@twcny.rr.com>
- 36) [138376] Re: Best headphones for CW?
by Glen Reid <k5fx@arrl.net>
- 37) [138377] FS/FT Keyer and 10 Meter Rig
by "Mike Duke, K5XU" <k5xu@netdoor.com>
- 38) [138378] Re: What have hams done lately?
by Chris Trask <ctrask@primenet.com>
- 39) [138379] R-M/80 Rev's First Pass = 1 Watt
by Chuck Carpenter <w5usj@9plus.net>

Date: Sat, 19 Oct 2002 19:01:52 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@lehigh.edu
Subject: [138341] What have Amateurs Done - some interesting reading !

Message-ID: <20021019.190155.9046.0.kc8aon@juno.com>

Here are some links I think ya'll will find interesting !

<http://www.ipass.net/~whitetho/1922ama2.htm>

<http://www.angelfire.com/nc/whitetho/1922smit.htm>

<http://www.angelfire.com/nc/whitetho/1902cons.htm>

72/73 DE: K<>C<>8<>A<>0<>N

Rick McKee

Willow Wood, Ohio

Power is for punks ! QRP is for the confident !

QRP-L #2112, FPqrp #33, AR QRP #269

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<http://dl.www.juno.com/get/web/>.

Date: Sat, 19 Oct 2002 17:19:58 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Fred Ringwald <fred@ringwald.org>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [138342] Re: Best headphones for CW?

Message-ID: <Pine.LNX.4.44.0210191718150.4143-1000000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Fred I have a pair of those YH-55 headphones and they are the best!
The curly cord makes them not get caught in stuff on the desk, and you
can lean back.

On Sat, 19 Oct 2002, Fred Ringwald wrote:

> Bob,

>

> I have been using the Yaesu YH-55 Communications Headphones for quite
> a few years with good success. They are not audiophile quality at
> all, but simply good, rugged, communication quality headphones.

>

> Fred Ringwald, AB0AE
> fred@ringwald.org
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 19 Oct 2002 18:57:23 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'richard_johnson@credence.com'" <richard_johnson@credence.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [138343] RE: Noise
Message-ID: <01C277A1.5C8427C0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

My guess is that the zener would actually be quieter. Those 3-wire regulators have zeners in 'em anyhow, I reckon.

I've had the 3-t regulators be noisy and make my oscillator sound grainy in the RX. Typically, just a bad one out of the lot though.

I think regulation would be a big factor in choosing between the two. Zener voltage can change quite a bit with load, but 3-t regulators, with their internal amplification, can regulate more closely over a load range. However, if you're just regulating the voltage to a varicap diode for frequency control, the load is going to be constant so a zener circuit ought to be fine. I use 3-t regulators because they're convenient.

You're right, it is interesting (and alarming) that zeners are used as noise sources. But I assume that it takes a lot of amplification to get that noise up to a usable level.

72--Nick, WA5BDU

On Saturday, October 19, 2002 1:40 PM, Richard Johnson
[SMTP:richard_johnson@credence.com] wrote:

> Group:

>

> I have noticed that in many designs a stable voltage for the VFO or
> NE602 mixer is supplied with a zener regulator. Well and unbypassed

> zener is used to generate wide band noise in noise bridge designs.
>

Date: Sat, 19 Oct 2002 17:08:26 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [138344] Re: PADDLE QUESTION -- and another answer
Message-ID: <20021020000826.GC6353@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Thanks for the comments, Karl. I've had the Bencher for over 20 years and it's actually a bit light for me. I also have the gold-plated LTA dual key from Morse Express. It looks great and I really love the hand key, but the paddles have a lighter feel than the Bencher, even with the spring adjusted as far as it can go. I have used a Brown Brothers key a few times and really like the feel, but I guess they have been out of production for a while. I have also used a Nye key a couple of times and hated it. Different strokes for different folks, I guess. At the prices keys bring these days, I'd want to try one out before buying.

I went to a nearby hamfest last weekend, but didn't find any paddles for sale (there were a few hand keys, however).

Bob, N7XY

On Sat, Oct 19, 2002 at 10:04:24AM -0500, Karl Kanalz wrote:

> Bob,
> I once bought a G4ZPY (?) single-lever keyer paddle, used it once with the
> built-in keyers in my FT-1000D and IC-781, as well as with a TiCK 3 keyer
> and it worked quite well. I later gave it to a friend (another guy, not
> the one who gave me the Bencher) on the Left Coast and he's using it today.
>

> I had no problems with the single-lever paddle.... It's just that I like
> the lighter "touch" of my Bencher paddle.
>

> I believe either type (single versus double paddle) will do just fine for
> you - it did for me!
>

> Karl K - W8TIF
> McKinney, Texas
>

> -----Original Message-----

> From: Bob Nielsen [SMTP:nielsen@oz.net]

> Sent: Friday, October 18, 2002 10:36 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: PADDLE QUESTION -- and an answer
>
> I also use my BY-1 in the "bug" mode. I've never tried a single paddle
> key with an electronic keyer (I still have my 50-year old Vibroplex
> bug, however) but have wondered if that would be a better approach for
> the iambic-impaired.
>
> Any comments?
>
> Bob, N7XY
>
> On Fri, Oct 18, 2002 at 09:18:44PM -0500, Karl Kanalz wrote:
> > Curt,
> > I have (and use) a Bencher keyer paddle with my ham rigs. It was given
> to
> > me by a dear friend when I was living in southern California years ago.
> > I've had it for about fifteen years now, and other than sending it back
> to
> > the factory to have sending errors removed from it, it has worked
> > flawlessly!
> >
> > I'm not "into" Iambic keying, but use it in what might be called the
> "bug"
> > mode.
> >
> > Karl K - W8TIF
> > McKinney, Texas
>
>

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net

Date: Sat, 19 Oct 2002 20:50:04 EDT
From: n5ib@juno.com
To: qrp-l@lehigh.edu
Subject: [138345] Jamboree on the Air -- Snipe Hunt on the Air
Message-ID: <20021019.194449.4623.0.n5ib@juno.com>

I'm off to Avondale Scout Reservation in Clinton LA. Will be using N5IB
and possibly K5LSU

Tonight (Friday) after 8 pm look for me near 14060 and/or 7040 for the SHOTA. Be prepared to exchange name, QTH, and scout information like highest rank achieved or you leadership role.

Might pop up to 18132 ssb if that is open.

K2 to a portable vertical and perhaps 88 ft doublet.

72

Jim N5IB

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Date: Sat, 19 Oct 2002 20:14:51 -0500

From: "George, W5YR" <w5yr@att.net>

To: nilsbull@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [138346] Re: SWR meters for VHF queskin

Message-ID: <3DB2038B.84E78335@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Go find a good used Bird 43 with an appropriate slug or two if you want something reliable and accurate "enough."

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

Nils R Young wrote:

>

> Gang,

> And having built & cobbled at least 10 or so metering systems that have

> "worked" at 2m although built for HF, it now becomes pretty much

> imperative that I find a meter and or circuit (what I can build meself,

> y'see) for them higher frequencies.

Date: Sat, 19 Oct 2002 21:12:36 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <dafouchey@comcast.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [138347] RE: Best headphones for CW?
Message-ID: <000301c277d5\$c8406d00\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

But Dave, they'll make your ears hot and flat! Gosh, I recall using these back in 1959. The only way around the problem of hot and flattened ears was to fit them with big rubber ear-cups. At that time you could buy the rubber cups from Lafayette for \$1.50 a pair.

I wish I had a set now. If I could locate those ear cups I'd break out my old Trimm Professionals and "Baldies."

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Dave Fouchey
Sent: Saturday, October 19, 2002 3:04 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Best headphones for CW?

My favorite ones were lightweight WW2 vintage metal diaphragm ones with cloth wrapped tinsel cords, not much for music but great for CW and SSB. Have no idea who made them and lost them a while ago in one of our many relocations.

check these out.

<http://members.aol.com/headphone1/phones.htm>

Been meaning to buy a set...

73's
Dave

WA4EMR

At 05:39 PM 10/19/02 +0100, Leon Heller wrote:

>

>----- Original Message -----

>From: "Robert Armstrong" <barmstrong@sisna.com>

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Sent: Saturday, October 19, 2002 5:55 AM

>Subject: Best headphones for CW?

>

>

>> My old Radio Shack headphones fell apart. They cost about \$35 (as I
>> remember) and have given very good service. Since I operate almost
>> exclusively CW I wondered if I could replace them with 'phones that would
>> give me an advantage on CW.

>

>[deleted]

>

>Many years ago I had a nice pair of lightweight high-impedance Danavox
>'phones, that had a response tailored for speech (300 to 3,000 Hz). I think
>the old SG Brown (now Thales-Racal Acoustics) 'phones favoured for amateur
>use in the UK were specially made for comms, with a peaky response.

>

>73, Leon

>--

>Leon Heller, G1HSM

>leon_heller@hotmail.com

>http://www.geocities.com/leon_heller

Date: Sat, 19 Oct 2002 18:37:49 -0700

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <barmstrong@sisna.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [138348] Re: Best headphones for CW?

Message-ID: <005501c277d9\$4cf18360\$4ae3b3d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Bob,

When I was searching for a better set of headphones, I had 2 criteria.
1: They must reproduce the sound accurately, no coloring, and 2: They
must be comfortable to wear for extended periods. Well, since I work in

the entertainment field (Stage Lighting), I asked some of my fellow pro audio guys what they would recommend. The answer was pretty definite for the Sony MDR-V6. Not only does it make CW sound fantastic, but it is beyond a doubt the most comfortable set of phones I've ever worn. Great for contests! I think that they were about \$75 on the web. Just do a Google search for Sony MDR-V6 and you'll find them. They come in a nice little leatherette pouch and fold up nicely for portable. Hope this helps...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Robert Armstrong <barmstrong@sisna.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Friday, October 18, 2002 9:55 PM

Subject: Best headphones for CW?

> My old Radio Shack headphones fell apart. They cost about \$35 (as I
> remember) and have given very good service. Since I operate almost
> exclusively CW I wondered if I could replace them with 'phones that
would
> give me an advantage on CW.
>
> An Internet search took me to <http://www.headphone.com> where there is
a
> great deal of interesting reading material. Most of the headphones
there
> cost in excess of \$100 and much more. The site describes attributes
of
> "good" phones (for the audiophile) and discusses testing and
limitations of
> headphone testing techniques. The site includes many graphs of audio
> response vs. frequency of many 'phones for shopper comparison.
>
> I decided I wanted 'phones with a peak response at about 400 - 1000 Hz
with
> less response at high frequency end (static!). I looked at all the
graphs
> and compared price and comfort of the "winners" - and behold, the
"best"
> cans appeared to be the cheapest set on the site: the KOSS U20 for
\$19.95.
> I ordered a set.
>
> I don't know if these are really the "best" for CW, but they are

comfortable

> and they sound good on CW. Best of all, I was left feeling that I had made

> a somewhat scientific search for cans specific to my needs before I shelled

> out cash.

>

> Any comments?

>

> Bob, N7XJ

> Manti, Utah

>

>

Date: Sun, 20 Oct 2002 02:27:08 +0000

From: W2AGN <w2agn@w2agn.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [138349] RTTY on 40

Message-ID: <3DB2147C.28048.1ED3747@localhost>

MIME-version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-description: Mail message body

Did I miss a listing for an RTTY contest? RTTY solid on 40M all the way down to 7025. Making the QRP ARCI test difficult on 40M.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / QRP ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sat, 19 Oct 2002 21:28:30 -0500

From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [138350] QRP ARCI QSO Party

Message-ID: <200210200228.AA00307@bolshoi.cc.misu.nodak.edu>

Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Folks,

Working on a single band 80m entry, and will be calling CQ now and again around 3.557.5. Slow going. Should be around until 0730-0800Z or thereabout. If you hear me, I'd appreciate the QS0! :-)

72/73,

Todd, AG0T

Date: Sat, 19 Oct 2002 22:40:48 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: w2agn@w2agn.net, QRPL <qrp-1@lehigh.edu>
Subject: [138351] Re: RTTY on 40
Message-ID: <3DB217B0.684F8BEA@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John:
It is the JARTA contest...

Fred
VE3FAL

W2AGN wrote:

>
> Did I miss a listing for an RTTY contest? RTTY solid on 40M all the way
> down to 7025. Making the QRP ARCI test difficult on 40M.
> --
>
> /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
> (W)(2)(A)(G)(N) <http://www.w2agn.net>
> _ / _ / _ / _ / _ / QRP ARCI, NJQRP, ARQrp, GQRP, RSGB
> Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sat, 19 Oct 2002 23:34:05 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: ai2q@adelphia.net,
 "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [138352] RE: Best headphones for CW?
Message-ID: <4.1.20021019233004.0099aa70@localhost>

MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Made Foam Pads for mine with cutouts, worked like a charm and kept me from hearing my little brothers complaining 'cause I had the Radio & Lights on at 4:00 AM trying to work Australia on 40 Meters in '68 with 35 Watts and a Dipole Rock Bound in the Novice portion...

SX-25 RX and Homebrew Transmitter from parts scrounged from old TV sets...

73's

Dave
WA4EMR
Sterling Heights, MI

Formerly WN8AXG/WB8AXG

At 09:12 PM 10/19/02 -0400, AI2Q Alex wrote:

>But Dave, they'll make your ears hot and flat! Gosh, I recall using these
>back in 1959. The only way around the problem of hot and flattened ears was
>to fit them with big rubber ear-cups. At that time you could buy the rubber
>cups from Lafayette for \$1.50 a pair.

>

>I wish I had a set now. If I could locate those ear cups I'd break out my
>old Trimm Professionals and "Baldies."

>

>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

>

>

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
>Dave Fouchey

>Sent: Saturday, October 19, 2002 3:04 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Best headphones for CW?

>

>

>My favorite ones were lightweight WW2 vintage metal diaphragm ones with
>cloth wrapped tinsel cords, not much for music but great for CW and SSB.
>Have no idea who made them and lost them a while ago in one of our many
>relocations.

>

>check these out.

>
><http://members.aol.com/headphone1/phones.htm>
>
>Been meaning to buy a set...
>
>73's
>Dave
>WA4EMR
>
>At 05:39 PM 10/19/02 +0100, Leon Heller wrote:
>>
>>----- Original Message -----
>>From: "Robert Armstrong" <barmstrong@sisna.com>
>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>>Sent: Saturday, October 19, 2002 5:55 AM
>>Subject: Best headphones for CW?
>>
>>
>>> My old Radio Shack headphones fell apart. They cost about \$35 (as I
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>>> exclusively CW I wondered if I could replace them with 'phones that would
>>> give me an advantage on CW.
>>
>>[deleted]
>>
>>Many years ago I had a nice pair of lightweight high-impedance Danavox
>>'phones, that had a response tailored for speech (300 to 3,000 Hz). I think
>>the old SG Brown (now Thales-Racal Acoustics) 'phones favoured for amateur
>>use in the UK were specially made for comms, with a peaky response.
>>
>>73, Leon
>>--
>>Leon Heller, G1HSM
>>leon_heller@hotmail.com
>>http://www.geocities.com/leon_heller

Date: Sat, 19 Oct 2002 23:36:13 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: kg6cyn@earthlink.net,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [138353] Re: Best headphones for CW?
Message-ID: <4.1.20021019233449.0099e7a0@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Trev, Bob, Those are what I am using now, not bad at all and comfortable for long wear.

73's

Dave
WA4EMR
Sterling Heights, MI

At 06:37 PM 10/19/02 -0700, Trevor Jacobs wrote:

>Hi Bob,

>

>When I was searching for a better set of headphones, I had 2 criteria.
>1: They must reproduce the sound accurately, no coloring, and 2: They
>must be comfortable to wear for extended periods. Well, since I work in
>the entertainment field (Stage Lighting), I asked some of my fellow pro
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>Google search for Sony MDR-V6 and you'll find them. They come in a nice
>little leatherette pouch and fold up nicely for portable. Hope this
>helps...

>

>73's Trev KG6CYN

><http://home.earthlink.net/~kg6cyn>

><http://www.qsl.net/kg6cyn>

>

>----- Original Message -----

>From: Robert Armstrong <barmstrong@sisna.com>

>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

>Sent: Friday, October 18, 2002 9:55 PM

>Subject: Best headphones for CW?

>

>

>> My old Radio Shack headphones fell apart. They cost about \$35 (as I
>> remember) and have given very good service. Since I operate almost
>> exclusively CW I wondered if I could replace them with 'phones that
>would

>> give me an advantage on CW.

>>

>> An Internet search took me to <http://www.headphone.com> where there is
>a

>> great deal of interesting reading material. Most of the headphones
>there

>> cost in excess of \$100 and much more. The site describes attributes
>of

>> "good" phones (for the audiophile) and discusses testing and
>limitations of
>> headphone testing techniques. The site includes many graphs of audio
>> response vs. frequency of many 'phones for shopper comparison.
>>
>> I decided I wanted 'phones with a peak response at about 400 - 1000 Hz
>with
>> less response at high frequency end (static!). I looked at all the
>graphs
>> and compared price and comfort of the "winners" - and behold, the
>"best"
>> cans appeared to be the cheapest set on the site: the KOSS U20 for
>\$19.95.
>> I ordered a set.
>>
>> I don't know if these are really the "best" for CW, but they are
>comfortable
>> and they sound good on CW. Best of all, I was left feeling that I
>had made
>> a somewhat scientific search for cans specific to my needs before I
>shelled
>> out cash.
>>
>> Any comments?
>>
>> Bob, N7XJ
>> Manti, Utah
>>
>>

Date: Sat, 19 Oct 2002 23:37:56 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: w2agn@w2agn.net,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [138354] Re: RTTY on 40
Message-ID: <4.1.20021019233630.0096cb00@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Yup the JARTS RTTY Contest going on too....made things impossible here for
sure John.

73's
Dave

WA4EMR
Sterling Heights, MI

At 02:27 AM 10/20/02 +0000, W2AGN wrote:

>Did I miss a listing for an RTTY contest? RTTY solid on 40M all the way
>down to 7025. Making the QRP ARCI test difficult on 40M.

>--

>

> /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke

>(W)(2)(A)(G)(N) <http://www.w2agn.net>

> _ / _ / _ / _ / _ / QRP ARCI, NJQRP, ARQrp, GQRP, RSGB

>Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sat, 19 Oct 2002 22:41:31 -0500

From: Lew Paceley <lew@paceley.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Cc: barmstrong@sisna.com

Subject: [138355] Re: Best headphones for CW?

Message-ID: <005a01c277ea\$94882c40\$6501a8c0@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=Windows-1252

Content-transfer-encoding: 7BIT

Hi Bob,

I prefer hifi phones. I own two sets of CW phones, an old pair of Koss Pro4AAs and a newer pair of Sony MDR-V6 phones.

By hifi I _don't mean_ extended frequency response. It's easy enough to roll off the highs and lows in an audio filter if that's the sound you prefer. Rather I prefer hifi phones because they tend to address some of the same performance characteristics that we value in our receivers, such as low distortion and high dynamic range. I want to be able to hear the weakest signals in the presence of stronger signals and I want the sound to be clear and unfatiguing.

The second critical factor for me is the ergonomics. If I can't wear the phones for two plus hours straight then they're not for me. Unfortunately, I can't tell whether the phones will be comfortable just by looking at them. I really need to wear them for an extended period to make a determination. If you are an eyeglass wearer the ergonomics requires special attention as some brands of phones may not work well with glasses. I prefer circumaural phones that block out extraneous noises. Glasses compromise some of the sound insulating effect that the circumaural phones provide. Depending on the shape of your head, eyeglass stems and earpieces, you may find some brands of

phones just plain uncomfortable.

Finally, to keep all this in perspective, all types of headphones will work for receiving CW. The question is what works "best" for you, including your budget.

GL and have fun!

72/73,
Lew
N5ZE

Date: Sat, 19 Oct 2002 21:07:13 -0700
From: Robert Honan <robertus@harbornet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [138356] Re: What have hams done lately?
Message-ID: <3DB22BF0.5CC6BC59@harbornet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just in case anybody has not heard "The Nack," you can find it at:
http://www.athens.edu/dreyfp/the_nack.wav

I too believe that there is something to it. I was born to a pair of completely technologically inept parents. As in they could not deal with any technology that was not around when they were teenagers. And yet, out of the blue, I develop an immense curiosity about all things electric, and had my Technician Class license by the end of eighth grade (1978). Some of my job titles have been Support Analyst, Network Analyst, or Field Engineer. Yes, I do believe that there is something to "The Nack," and I also believe that my early involvement in ham radio had a lot to do with my working in technology as an adult.

Steve Yates - AA5TB wrote:

> Even though I've heard the humorous Dilbert skit regarding "The Nack" and
> ham radio, I do believe there is something to it. I've met many electrical
> engineers and professors that even though they had advanced degrees, many of
> them didn't impress me much. However, find one that is a notch above the
> others (has The Nack) and many times they are or at least were hams at one
> time. College education of course helps but if you already have a "passion"
> for the subject matter you can go much further.
>
> 73,

> Steve Yates - AA5TB
>
> <http://www.qsl.net/aa5tb/>

--

Robert J. Honan KD7QLJ <kd7qlj@arrl.net>

~~~~~  
There are 10 types of people in the world:  
those that understand binary, and those that don't.

-----  
Date: Sun, 20 Oct 2002 01:28:55 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [138357] The Lonely Life of an 80m QRP Contester... :-)  
Message-ID: <200210200628.AA00815@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

I'm plugging away on 3.560 at the moment, but things are \*REAL\* slow. Picked up a QSO outside the contest with WA7TQK in ID, and we beat the brass back and forth for a bit, when K0EVZ broke in for a quick contest QSO. Thanks Doc! Going to give it another hour, then take a nap for a while. Maybe I can pick up some early risers before the sun comes up. :-)

Anyhow, if you're playing in the ARCI QSO party, and want ND on 80m, you have an hour left for this session. Come on, guys, I need a bit of company... :-)

72/73,

Todd, AG0T

-----  
Date: Sun, 20 Oct 2002 06:54:31 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu, QRPp-I@yahoogroups.com  
Subject: [138358] R-M/80 OTA Sorta 3.578.9 MHz  
Message-ID: <3.0.2.32.20021020065431.006b7604@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Folks,

Received crystals for 80 meters from Doug [NorCal] yesterday. I've got them plugged into the R-M/40 and it's putting out about 250 mW. My FS meter is showing power output so it's radiating something from the vertical.

I'll call CQ for a while starting at 1200 UTC. It may be too late as it's getting light here now.

Need to do some work on the crystal osc values and the output filters to get the power up a little higher.

Thanks for your support... [g]

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

-----  
Date: Sun, 20 Oct 2002 06:01:43 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Richard Johnson <richard\_johnson@credence.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138359] Re: Noise  
Message-ID: <Pine.LNX.4.44.0210200557120.1720-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Richard, the noise from the zenor diode is low level and should not be a problem. That said the LM317L properly bypassed with good capacitors is a solid voltage that's very clean. The device has a high gain amp that keeps the fuzz off. Now that you can get 100 Ma regulators for less than a buck, you might as well use them for everything.

On Sat, 19 Oct 2002, Richard Johnson wrote:

> Group:  
>  
> I have noticed that in many designs a stable voltage for the VFO or  
> NE602 mixer is supplied with a zener regulator. Well and unbypassed  
> zener is used to generate wide band noise in noise bridge designs.

> Three terminal regulator like LM317L allow the adjust terminal to be  
> bypassed to reduce output ripple.  
>  
> The question is would a three terminal regulator be a better choice over  
> a zener when stable, filtered, low noise voltages are needed locally in  
> a circuit?  
>  
> What do you thing, holders of arcane wisdom.  
>  
> cheers,  
> rich  
>  
>  
  
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Sun, 20 Oct 2002 12:04:25 +0000  
From: W2AGN <w2agn@w2agn.net>  
To: flesnick@tbaytel.net,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [138360] Re: RTTY on 40  
Message-ID: <3DB29BC9.2867.3FDE2FC@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 19 Oct 2002 at 22:40, Fred Lesnick wrote:

> John:  
> It is the JARTA contest...  
>  
> Fred  
> VE3FAL  
PK, I give up, what's a "JARTA?" Hadn't heard of that outfit.

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
\\_/\_ \\_/\_ \\_/\_ \\_/\_ \\_/\_ QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Sun, 20 Oct 2002 09:27:53 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: W2AGN <w2agn@w2agn.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138361] Re: RTTY on 40  
Message-ID: <3DB2AF59.F530109A@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

JARTS WW RTTY Contest

Sponsored by JARTS (President: JA1ACB)  
Supported by Japanese CQ Magazine (Ref:

JH1BIH)

Occurs on third full weekend in October

<http://home.online.no/~janalme/htmlrules/jarts.html>

I played in the test for a while saturday, and worked many Japanese stations on 20/15, and was running 5 watts from my 817 using TRUETTY program...

Fred  
VE3FAL

W2AGN wrote:

```
>  
> On 19 Oct 2002 at 22:40, Fred Lesnick wrote:  
>  
> > John:  
> > It is the JARTA contest...  
> >  
> > Fred  
> > VE3FAL  
> PK, I give up, what's a "JARTA?" Hadn't heard of that outfit.  
>  
> --  
>  
> / \ / \ / \ / \ / \ John L. Sielke  
> ( W ) ( 2 ) ( A ) ( G ) ( N ) http://www.w2agn.net  
> \_ / \_ / \_ / \_ / \_ QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB
```

> Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Sun, 20 Oct 2002 15:45:01 +0200  
From: Gottfried Ira <ira@atnet.at>  
To: qrp-l@lehigh.edu  
Subject: [138362] RE: Noise  
Message-ID: <3DB2B35D.4F9013E7@atnet.at>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Richard Johnson" <richard\_johnson@credence.com> wrote:

> Group:

>

> I have noticed that in many designs a stable voltage for the VFO or  
> NE602 mixer is supplied with a zener regulator. Well and unbypassed  
> zener is used to generate wide band noise in noise bridge designs.  
> Three terminal regulator like LM317L allow the adjust terminal to be  
> bypassed to reduce output ripple.

> The question is would a three terminal regulator be a better choice over  
> a zener when stable, filtered, low noise voltages are needed locally in  
> a circuit?

>

> What do you thing, holders of arcane wisdom.

>

> cheers,

> rich

Hello Rich,

<http://www.wenzel.com/documents/finesse.html> is a good starting point.

According to various texts by Ulrich Rohde, plain vanilla zeners and  
3 legged regulators should be avoided.

A PNP pass transistor (as used by "low-drop" positive regulators)  
improves

the situation somewhat. And the venerable 723 (14-pin...) is still good  
and

cheap basis for a (relatively) low noise regulator.

If you want to keep it simple, low-noise zeners are a valid alternative.  
Some (like the Motorola 1N821 series, IIRC) shift most of the  
inherently generated noise power to higher frequencies (around 50kHz),  
where it can be bypassed by good tantalum and mylar capacitors

conveniently.

If your VCO supply voltage is a few volts below the (already stable) system voltage, a (heavily) bypassed resistive divider (e.g. 1.5k/10k) buffered by a good low noise opamp (preferable single supply, rail-to-rail as well) will provide a few milliamps for the oscillator. The achievable noise (2-5nV/rt(Hz)) is a magnitude below that of "low-noise" regulators at least.

72,

Gottfried OE1IRA

-----  
Date: Sun, 20 Oct 2002 11:05:59 -0400  
From: "Steve Lawrence" <Steve.Lawrence@itwfeg.com>  
To: qrp-1@lehigh.edu  
Subject: [138363] Argonaut V/516 Initial Impressions?  
Message-ID: <0FE6D9660B.7C381F17-ON85256C58.0052B648-85256C58.0052F1C4@itwfeg.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

OK, so you've now had your Argonaut V for a few days... comments? impressions? reviews?

Inquiring minds want to know...

73,  
Steve  
aa8af

-----  
Date: Sun, 20 Oct 2002 11:21:18 -0400  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-1@lehigh.edu  
Subject: [138364] Re: PADDLE QUESTION PLEASE  
Message-ID: <3DB2C9EE.ED0CAD9D@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I had a Bencher and just did not like the feel and could not adjust it to the way I liked. I like my spacing close and with a good snap to it when tapped.



I am also iambic-impaired and wanted to get something that would do the job well, and I would hold onto. I settled on the Kent key; see:  
<http://www.kent-engineers.com/SINGLEpaddleINFO.htm>  
Alpha-Delta imports them, also sold thru AES or HRO (I forget which), but I did a web search and found a distributor with them on sale for a (little) less. The only thing I changed was the paddle fingers (pads? whatever you call the things you push with your fingers...). The as-supplied pad was too thin for me so I cut a set out of thicker Lucite and bolted it on. Note that the threading for attachment to the armature there is metric.  
Actually the best action is in the NorCal K8FF key that I built from their kit, and which uses magnets. I use this for portable operation, because it is small. BUT, it is iambic and I sometimes fall all over myself while in the midst of keying. Now if a single-paddle keyer could be made with magnets....  
73, Ed, K2MGM

-----  
Date: Sun, 20 Oct 2002 11:29:24 -0400 (EDT)  
From: Thom LaCosta <baltimoremd@baltimoremd.com>  
To: W2AGN <w2agn@w2agn.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138365] Re: RTTY on 40  
Message-ID: <20021020112729.V15137-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 20 Oct 2002, W2AGN wrote:

> PK, I give up, what's a "JARTA?" Hadn't heard of that outfit.

Japanese Amateur Radio Transmitting Association?  
Japanese " " " "  
Julian Advanced Rotating Twiddle Accolades

Thom

|                                                                              |                                        |
|------------------------------------------------------------------------------|----------------------------------------|
| <a href="mailto:baltimoremd@baltimoremd.com">baltimoremd@baltimoremd.com</a> | Thom LaCosta K3HRN Webmaster           |
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>        | Baltimore's Home Page                  |
| <a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a>      | Home of the Baltimore Lexicon          |
| <a href="http://www.zerobeat.net">http://www.zerobeat.net</a>                | Home of The QRP Web Ring and DrakeList |
| <a href="http://www.tlchost.net">http://www.tlchost.net</a>                  | Web Hosting as low as \$3.49/month     |

-----  
Date: Sun, 20 Oct 2002 12:15:24 -0400  
From: "AI2Q Alex" <ai2q@adelphia.net>

To: "'Dave Fouchey'" <dafouchey@comcast.net>,  
      "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [138366] RE: Best headphones for CW?  
Message-ID: <000601c27853\$e63755c0\$6401a8c0@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yup, know watcha mean Dave.

I used to arise at 3 AM and fire up my rockbound 6AG7-6L6 and Heathkit AR-3. Actually worked VK3XB, Ivor Stafford on 40-m CW back in 1959. W9EGQ, Herb Brier, used to write in Pop'tronics about how Ivor listened for Novices on 40-m! Much to my surprise and great excitement, Ivor heard me. I still treasure the QSL card.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687   .-.-.

-----Original Message-----

From: Dave Fouchey [mailto:dafouchey@comcast.net]  
Sent: Saturday, October 19, 2002 11:34 PM  
To: ai2q@adelphia.net; 'Low Power Amateur Radio Discussion'  
Subject: RE: Best headphones for CW?

Made Foam Pads for mine with cutouts, worked like a charm and kept me from hearing my little brothers complaining 'cause I had the Radio & Lights on at 4:00 AM trying to work Australia on 40 Meters in '68 with 35 Watts and a Dipole Rock Bound in the Novice portion...

SX-25 RX and Homebrew Transmitter from parts scrounged from old TV sets...

73's

Dave  
WA4EMR  
Sterling Heights, MI

Formerly WN8AXG/WB8AXG

At 09:12 PM 10/19/02 -0400, AI2Q Alex wrote:

>But Dave, they'll make your ears hot and flat! Gosh, I recall using these  
>back in 1959. The only way around the problem of hot and flattened ears was

>to fit them with big rubber ear-cups. At that time you could buy the rubber  
>cups from Lafayette for \$1.50 a pair.

>

>I wish I had a set now. If I could locate those ear cups I'd break out my  
>old Trimm Professionals and "Baldies."

>

>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

>

>

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
>Dave Fouchey

>Sent: Saturday, October 19, 2002 3:04 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Best headphones for CW?

>

>

>My favorite ones were lightweight WW2 vintage metal diaphragm ones with  
>cloth wrapped tinsel cords, not much for music but great for CW and SSB.  
>Have no idea who made them and lost them a while ago in one of our many  
>relocations.

>

>check these out.

>

><http://members.aol.com/headphone1/phones.htm>

>

>Been meaning to buy a set...

>

>73's

>Dave

>WA4EMR

>

>At 05:39 PM 10/19/02 +0100, Leon Heller wrote:

>>

>>----- Original Message -----

>>From: "Robert Armstrong" <barmstrong@sisna.com>

>>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>>Sent: Saturday, October 19, 2002 5:55 AM

>>Subject: Best headphones for CW?

>>

>>

>>> My old Radio Shack headphones fell apart. They cost about \$35 (as I  
>>> remember) and have given very good service. Since I operate almost  
>>> exclusively CW I wondered if I could replace them with 'phones that  
would

>>> give me an advantage on CW.

>>

>>[deleted]  
>>  
>>Many years ago I had a nice pair of lightweight high-impedance Danavox  
>>'phones, that had a response tailored for speech (300 to 3,000 Hz). I  
think  
>>the old SG Brown (now Thales-Racal Acoustics) 'phones favoured for amateur  
>>use in the UK were specially made for comms, with a peaky response.  
>>  
>>73, Leon  
>>--  
>>Leon Heller, G1HSM  
>>leon\_heller@hotmail.com  
>>[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Sun, 20 Oct 2002 11:42:06 -0500  
From: Goemans <jgoemans@facstaff.wisc.edu>  
To: qrp-1@lehigh.edu  
Subject: [138367] C02KK and key knob  
Message-ID: <3.0.2.32.20021020114206.006a90a4@facstaff.wisc.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Hi all,  
Well, that subject line got you guessing, eh?  
First, was pleased to run across prof. Arnie C02KK on 10 mtrs CW yesterday  
afternoon. Had a short QSO but he didn't seem to be in the ARCI test.  
Second, I need a basic black morse straight key knob, as you would find on  
a J-38. Do you have a spare? I am "fixing up" a McElroy straight key and  
lack the knob. Let me know...

72, Paul WA9PWP

PS my "@ARRL.net" address is temporarily shut down, too much spam!

Paul Goemans WA9PWP  
Stoughton, WI 53589  
all email checked by NAV2002

-----

Date: Sun, 20 Oct 2002 12:43:17 -0400  
From: joneskatv@juno.com  
To: qrp-1@lehigh.edu  
Subject: [138368] FOR SALE: ELECRAFT 4 BAND K1 (S/N 1,329)  
Message-ID: <20021020.124318.-228105.3.joneskatv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Hello all:

Subject K1 includes the following options:

KAT1 Antenna Tuner.  
KBT1 Internal Battery Adapter.  
KNB1 Noise Blanker.  
All Manuals.

Assembled and checked out with probably just 1 hour of actual "on" time.

Works so good, I m ready to do a K2. Gota sell the K1 first.

\$600.00 plus shipping. Insurance extra if requested. CONUS/Canada only.

Postal Money order or PayPal within 7 days.

Thanks, Ken W2GIW

-----  
Date: Sun, 20 Oct 2002 13:27:36 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRPL <qrp-1@lehigh.edu>  
Subject: [138369] Re:RTTY on 40  
Message-ID: <3DB2E788.19F1CD96@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Never did any operating on 40 RTTY, just listening, and most was  
Canada/USA ops on 40/80.....

All the DX on RTTY was on 10/15/20.....

15 meters now on PSK is active into Europe, and S.America.....

Fred  
VE3FAL

W2AGN wrote:

>  
> On 20 Oct 2002 at 9:27, Fred Lesnick wrote:  
>  
> > JARTS WW RTTY Contest  
> >  
> > Sponsored by JARTS (President: JA1ACB)  
> > Supported by Japanese CQ Magazine (Ref:  
> > JH1BIH)  
> > Occurs on third full weekend in October  
> >  
> > <http://home.online.no/~janalme/htmlrules/jarts.html>  
> >  
> > I played in the test for a while saturday, and worked many Japanese  
> > stations on 20/15, and was running 5 watts from my 817 using TRUETTY  
> > program...  
> >  
> > Fred  
> > VE3FAL  
> Wow, if those were JAs on 40M we had some conditions! ;-)  
>  
> --  
>  
> / \ / \ / \ / \ / \ John L. Sielke  
> ( W ) ( 2 ) ( A ) ( G ) ( N ) <http://www.w2agn.net>  
> \\_ / \\_ / \\_ / \\_ / \\_ / QRPARCI, NJQRP, ARQrp, GQRP, RSGB  
> Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

-----  
Date: Sun, 20 Oct 2002 11:51:06 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [138370] Regulated Voltage  
Message-ID: <Pine.LNX.4.44.0210201141420.2622-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

This may be an interesting subject, but let me say it's sure cheap now! I just bought 6 National Semiconductor LM78L05 5 volt 100 Ma regulator IC's that are about the size of the plastic low power transistors like the 2n3905 and cost just \$0.42 a piece in single quantities.

This IC has in it a very low noise high gain amplifier and a reference source that provides a calibrated voltage out of like 5.0 volts or close to it. No heat sink is required and it's sure small and

effective. They come in several voltages but it's easy to adjust this 5 volt one to 8 or 10 or 15 volts with a simple resistor divider.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

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Date: Sun, 20 Oct 2002 14:27:26 -0400  
From: John Zaruba Jr <jzaruba@mac.com>  
To: Low Discussion <qrp-l@lehigh.edu>  
Subject: [138371] FS: LDG AT-11MP Autotuner  
Message-ID: <956AD78A-E459-11D6-AC9C-003065C74F1A@mac.com>  
Mime-Version: 1.0 (Apple Message framework v546)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

For Sale: Factory Assembled LDG Electronics AT-11MP Automatic Antenna Tuner.

Includes manual and power cord. Operationally and cosmetically 10 (no scratches, dents, etc.) The unit is excess to my needs.

Price: \$150.00 plus shipping to your zip.

Please contact me directly if you are interested.

73,

John AA2BN

-----  
Date: Sun, 20 Oct 2002 14:20:04 -0400  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: k3ivb@yahoo.com  
Cc: qrp-l@lehigh.edu  
Subject: [138372] Re: PADDLE QUESTION PLEASE  
Message-ID: <3.0.6.32.20021020142004.007ab800@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm suprised no one has mensioned the K8FF NorCal paddle. There's only a

ton or two of them out there. Now being made by Vibroplex, as the "Code Warrior". I love mine :-)

Strange that few code keys show up at Ham fests, considering we all know no one uses CW any more :-). Guess nobody wants to part with thier bug/paddle/straight key, just in case!

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Sun, 20 Oct 2002 13:10:03 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Richard Johnson <richard\_johnson@credence.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138373] Re: Noise  
Message-ID: <Pine.BSI.3.96.1021020130507.14261A-100000@usr02.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rich,

Not too long ago, I designed low-noise microwave oscillators for a living. We made an exhaustive study of the noise characteristics of various voltage regulator ICs, and found that the LM723 was the best candidate for a low-noise positive supply, and the LM104 was best for a negative supply. They also have a lesser dropout voltage requirement.

There have been other regulators that give comparable noise performance, but the LM723 and LM104 are readily available for amateurs, and therefore make the best choice even after having been introduced over 30 years ago.

Chris

On Sat, 19 Oct 2002, Richard Johnson wrote:

> Group:  
>  
> I have noticed that in many designs a stable voltage for the VFO or  
> NE602 mixer is supplied with a zener regulator. Well and unbypassed



> zener is used to generate wide band noise in noise bridge designs.  
> Three terminal regulator like LM317L allow the adjust terminal to be  
> bypassed to reduce output ripple.  
>  
> The question is would a three terminal regulator be a better choice over  
> a zener when stable, filtered, low noise voltages are needed locally in  
> a circuit?  
>  
> What do you thing, holders of arcane wisdom.  
>  
> cheers,  
> rich  
>

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High Performance Mixers and  
Amplifiers for RF Communications

Chris Trask / N7ZWY  
Principal Engineer  
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P.O. Box 25240  
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IEEE Member #40274515

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)  
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

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Date: Sun, 20 Oct 2002 16:10:50 -0400
From: "Mark Paley" <mpaley@wcnet.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [138374] Argonaut V
Message-ID: <PGEPLCEGJDMJPHIGJMDGAECKEPAA.mpaley@wcnet.org>
MIME-Version: 1.0
Content-Type: text/plain;
      charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

```

I'd be interested to hear from others who received their Argonaut V. I got

mine Friday and have been having a blast with it. HOWEVER, I am a little disappointed that it doesn't come with a built in memory keyer. But other than that I think it's a great rig. I have a K2 (No. 250) and like it very much but I didn't add any options to it. My eyes are just not up to building any more kits so I thought the Argo V was a good alternative to building the SSB adapter, etc for the K2.

I'd be interested in hearing the thoughts of any owners of this new rig.

73 de KF8KL  
Mark Paley  
K1 #117 K2 #250

-----  
Date: Sun, 20 Oct 2002 16:32:03 -0400  
From: "George Osier" <gosier@twcnny.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [138375] ZL7C .... 28024 ..... GOT EM !!!  
Message-ID: <000701c27877\$c0209f80\$aa634342@twcnny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All !!!!

ZL7C on 28024 simplex...got em !!!! ...5w .....!!!!

73s

George Osier , N2JNZ / QRP

-----  
Date: Sun, 20 Oct 2002 15:38:40 -0500  
From: Glen Reid <k5fx@arrl.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138376] Re: Best headphones for CW?  
Message-ID: <3DB31450.AD016980@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I went to a "sound store" and picked up a pair of really comfortable, cushy, high dollar 'phones that were broken. That is they didn't work any more, but were in excellent mechanical condition. Think I paid 50 cents for them.

I gutted the cups and the wiring and replaced the "transducers" with a pair of telephone earphone buttons (U1's I think they are called), I picked up somewhere along life's journey.

I have never been happier with a pair of 'phones. The outside makes then comfortable to wear and the "transducers" from Ma Bell are just right for my old, limited hearing range. I've used Cannon, Trimm, Surplus, Plantronics, even David Clark. None have come close for radio.

I don't know the impedance...don't care...they work with everything.

I recommend this approach for cheap, comfortable and easy.

73,

--

GLEN (Just Call Me "Buck") REID  
...in the beautiful hill country of TEXAS...  
Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its limits"

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Date: Sun, 20 Oct 2002 16:08:41 -0500  
From: "Mike Duke, K5XU" <k5xu@netdoor.com>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [138377] FS/FT Keyer and 10 Meter Rig  
Message-ID: <000901c2787c\$f4d87720\$90d294d0@k5xu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sale or Trade:

MFJ 484 Grand Master Memory Keyer. Includes DC wall wart, and original operating instructions. This keyer is an early 80's design, and is un-modified.

Sharp CB-2460. This AM only 40 channel CB set was professionally converted

to 10 meters, and covers 29.005 - 29.405 in the standard CB channel steps. It is otherwise un-modified. Includes the mic, power cable, and Sams service info.

Both items will go for the best offers. Shipping will be from Mississippi.

Mike Duke, K5XU  
American Council of Blind Radio Amateurs

-----  
Date: Sun, 20 Oct 2002 16:19:33 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [138378] Re: What have hams done lately?  
Message-ID: <Pine.BSI.3.96.1021020161618.17011A-1000000@usr02.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Karl,

You are entirely off base here. I own six patents to date, with at least two more yet to come. They are owned by me entirely, and I was not working for someone else when they were conceived. No former employer can make any claim to them whatsoever.

What is the basis for your statement that "...they are working for Motorola or some other company"? That statement does not apply to me, and it undoubtedly does not apply to Ted Hart and numerous other radio amateurs who patented new ideas and technologies out of their own pockets.

Chris

On Fri, 18 Oct 2002, Karl F. Larsen wrote:

>  
> Hi Stuart your wrong. Hams have made patents for new things but they are  
> working for Motorola or some other company. Why do you feel it's  
> important for Hams to invovate at this time? I hold 12 patents and did  
> that work years ago. I own a FT-817 and am 67 years old. Why at this age  
> should I aspire to gain a patent on something as complex as this radio?  
> I plan to Use this radio as a 40 meter Fox and have a blast!  
>  
> My son owns his company with 350 paychecks a month and my love

> my daughter is doing well as a Vet for big animals. Why try to do at  
> this age what I did at 32? Be reasonable.  
>  
>  
> On Fri, 18 Oct 2002, Stuart Rohre wrote:  
>  
> > The cell phone most of your families use, came right out of hams developing  
> > repeaters, and low power communications with them.  
> >  
> > Antenna progress has recently been stirred up by Ted Hart with the EH  
> > antenna, (still controversial as to how it DOES work), also the ESR  
> > Electrical Slot Radiator, for HF , being worked on by hams, also the small  
> > loops multiband loops.  
> >  
> > Bob Bruniga (sp?) and APRS. This will soon make in car location tracking  
> > commonplace.  
> >  
> > Hams for that matter, worked extensively on the Navy Transit satellite  
> > program which made possible GPS and later systems.  
> >  
> > The developers of PSK 31 and similar modes without spread spectrum  
> > complicated circuitry.  
> >  
> > Pactor HF advanced modems by the German hams.  
> >  
> > Small earth satellites (LEOs) which came directly out of ham success with  
> > OSCAR and the AMSAT program.  
> >  
> > SETI made possible by hams and its data processing modeled on the  
> > participation of volunteers, as hams volunteer for emergency communications.  
> >  
> > Reliable emergency communications by hams and repeaters, and HF backup,  
> > without the single points of failure of trunked and digital systems.  
> >  
> > Long range ocean monitoring buoys made possible by the FLEX antenna by local  
> > ham Robert L. Rogers. His work will also appear eventually on robotic  
> > vehicles, I predict.  
> >  
> > There has been a great deal of miniature electronics that was first  
> > pioneered by hams as early as WW2 for the advance of the war effort; but  
> > later both in support of the space program, and naval programs.  
> >  
> > Dr. Jefferson Lindsey, K5AAK, developed the antennas used on the space suits  
> > used for lunar walks, and the antenna on the moon rover used to contact  
> > earth. (Jeff is the only ham with one of his antennas in outer space on a  
> > permanent entity other than earth.)  
> >  
> > Long range submarine communications made possibly by long wire antennas

> > which depended on the work of hams associated with Dr. Harold Beverage and  
> > his typical ham radio style development of the Beverage antenna.  
> >  
> > In some of these more recent applications, hams on the technical teams went  
> > back to the old basics and old developments from one application and applied  
> > and modified them to work in another medium, (such as underwater).  
> >  
> > But I consider the most important work hams are doing today are pioneering  
> > reliable emergency communications over any distance by both VHF and HF  
> > technologies such as QRP. The cell systems are the first to jam after a  
> > disaster. Floods wipe out telephone wire line switching centers, but ham  
> > radio gets thru, because we have no single point of failure, but multiple  
> > radios and multiple modes, antennas, and power means.  
> >  
> > Look around you at this electronic world, hams had their hands on much of  
> > today's technology, or directly invented it: The Handi Talkie, which also  
> > had an impact on cellular, was a ham invention.  
> >  
> > 73, Stuart K5KVH  
> >  
> >  
> >  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -  
>

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High Performance Mixers and  
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<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

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Date: Sun, 20 Oct 2002 17:01:12 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu, QRPP-I@yahooogroups.com  
Subject: [138379] R-M/80 Rev's First Pass = 1 Watt  
Message-ID: <3.0.2.32.20021020170112.006c1424@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

R-Mers,

Using SVC filter values and scaling the osc values, the initial results look quite good. Anyone for a sked and be to first to work an R-M/80? Sometime after 0200 tonight? 3578.95 kHz. This frequency can be busy with PSK-31 and other stuff too.

Power out = 1 Watt right on the line with the WM-2 to a 50 Ohm load and with the Welz SP-15M to the Butternut vertical via my MFJ-969 tansmatch..

This using the 2N2222 supplied with the kit, a small heat sink and the following changes to the R-M/40 kit. ( 2 other 2N2222s I have only produced 800 mW)

All caps are np0 (C0G) 5% radial monolithic ceramic, L1,2,3 are molded chokes  
C10,11 = 150 pF  
C12 = 100 pF  
R18 = 7.5 ohms (two 15s in parallel)  
L1 = 22 uH  
L2,3 = 2.2 uH (2.5 was spec'd in the charts)  
C15,17 = 560 pF

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

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End of QRP-L Digest 2715

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